

From: [Hall, Steven G.](#)
To: [Fowlow, Jeffrey](#)
Subject: RE: couple estimates-Ashue
Date: Wednesday, March 13, 2013 10:53:39 AM

Jeff, here are the cost estimates. As discussed, they are rough and are based on the available information/assumptions.

Please let me know if you have any questions or want to discuss.

Thanks,
Steve

1. START support during an EPA-led removal action.

Assumptions:

Prepare H&SP, SSSP, DMP, etc.

1 START for duration of project (6 weeks), plus a 2nd START for 2 weeks

Field work includes documentation, air sampling, confirmation sampling

ERRS provides analytical

Prepare final removal report

Approximately \$120,000

2. START support during a PRP-led removal action.

Assumptions:

Prepare H&SP and reviews PRP's plans

1 START for duration of project (6 weeks)

Field work includes observation and documentation of PRP activities

Prepare trip report of START activities

Review PRP report

Approximately \$95,000

3. START performs a removal assessment.

Prepare H&SP, SSSP, DMP, etc.

2 STARTs in the field for 5 days

Includes approximately \$10,000 for a backhoe subcontractor (this is a very rough estimate)

Includes approximately \$5,000 for analytical lab costs

Prepare final removal assessment report

Approximately \$65,000

From: Fowlow, Jeffrey [mailto:Fowlow.Jeffrey@epa.gov]
Sent: Wednesday, March 13, 2013 11:27 AM

To: Hall, Steven G.
Subject: RE: couple estimates-Ashue

I have a meeting with bosses and attorneys at 2 pm Pacific. I would like to have the estimate by 1 pm so that I can let them know the potential cost for EPA if we do the work. BTW, you know me. You know that I understand an estimate is only as good as the assumptions made, the time allowed to make the estimate, and the reality of the conditions found once in the field. In other words, give a decent attempt, but don't think I'm going to hang you on things outside of your control.

From: Hall, Steven G. [<mailto:SHall@ene.com>]
Sent: Wednesday, March 13, 2013 9:03 AM
To: Fowlow, Jeffrey
Subject: RE: couple estimates-Ashue

Jeff –

I was in 8-hour refresher training yesterday, but I will take a look at this soon. Do you need the estimates right away this morning, or later this morning?

Thanks,
Steve

From: Fowlow, Jeffrey [<mailto:Fowlow.Jeffrey@epa.gov>]
Sent: Monday, March 11, 2013 7:09 PM
To: Hall, Steven G.
Subject: FW: couple estimates-Ashue

OK, a third estimate....conduct a removal assessment. You pay for analytical.

From: Fowlow, Jeffrey
Sent: Monday, March 11, 2013 5:03 PM
To: 'sghall@ene.com'
Subject: couple estimates-Ashue

I would like 2 estimates from you by Wednesday morning, please. I'm not expecting precision, just a decent estimate. Charge the Ashue Road TDD.

1. We go fund lead and EPA, START and ERRS does the work. ERRS previously estimated 10 trucks per day for 40 days. Include H&S plan, sampling plan, data management plan, field work, and final report. FW would include air sampling, confirmation sampling, and documentation. Assume ERRS pays for the analysis.
2. We go PRP lead. In this case one person on site for the (estimated) 40 days in the field, write your own H&S plan, review the PRPs plans. They do all sampling and pay for all analytical. Review PRP report. Produce our own Trip Report.

Thanks,
Jeffrey Fowlow, PG, CHMM
Federal On-Scene Coordinator

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